

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): T. EBATA, et al

Serial No.: Not yet assigned

Filed: October 1, 2003

For: NETWORK SYSTEM HAVING PLURAL NETWORKS FOR  
PERFORMING QUALITY GUARANTEE AMONG THE NETWORKS  
HAVING DIFFERENT POLICIES

Group: 2143

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS DD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 1, 2003

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 09/520,832, filed March 8, 2000.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.38331CX1) please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Carl I. Brundidge', is written over a horizontal line.

Carl I. Brundidge  
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**FORM PTO-1449** U.S. Department of  
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**INFORMATION DISCLOSURE  
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**500.38331CX1**

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 2 7 8 7 1 2	8/01	Takihiro et al	370	400	
	6 1 0 4 7 0 0	8/00	Haddock et al	370	235	
	6 0 9 2 1 1 3	7/00	Maeshima et al	709	230	
	5 8 8 4 0 3 7	3/99	Aras et al	709	226	
	6 0 4 1 3 5 4	3/00	Billris et al	709	226	
	6 0 9 8 0 9 9	8/00	Elleson et al	709	223	
	6 0 5 8 1 1 3	5/00	Chang	370	390	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
9 9 1 1 0 0 3	3/99	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	U.S. application Serial No. 09/513,930, filed February 28, 2000, by S. Mayake et al
	"The COSP (Common Open Policy Service) Protocol" by J. Bagle et al, Internet Draft IETF, pp. 1-5, November 6, 1999.
	"A Framework for Policy-based Admission Control", by R. Yavatkar et al, Internet Draft IETF, pp. 1-3, April 1999.
	"Quality of Service Policy Information Base" by M. Fine et al, Internet Draft IETF, pp. 1-5, October 12, 1999.
	"Quality of Service in Enterprise Networks", Extreme Networks, 1999, pp. 2/1-2/4.

EXAMINER

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 0 3 8 2 1 4	3/00	Shionozaki	370	230	
	6 0 2 1 2 6 3	2/00	Kujoory et al	709	232	
	6 2 8 6 0 5 2	9/01	McCloghrie et al	709	238	
	6 1 0 1 5 4 9	8/00	Baughner et al	709	238	
	5 8 3 1 9 7 2	11/98	Chen	370	230	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	"Internet Protocol, DARPA Internet Program, Protocol Specification", (RFC 791), by J. P. Stel, Networking Group, IETF, pp. 1-5, September 1981.
	"Resource Reservation Protocol (RFC 2205), by R. Braden et al, Networking Group, IETF, pp. 1-7, September 1997.
	"Definition of the Differentiated Services Field (DS Field) in the IPv4 and the IPv6 Headers", (RFC 2474), by K. Nichols et al, Networking Group, IETF, pp. 1-4, December 1998.
	"An Architecture for Differentiated Services", (RFC 2475), by S. Blake et al, Networking Group, IETF, pp. 1-6, December 1998.
	"Internet Official Protocol Standards", (RFC 2500), by J. Reynolds et al, Networking Group IETF, pp. 1-7, June 1999.

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						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>T. Braun, et al "Virtual Private Network Architecture" Technical Report of the Institute of Computer Science and Applied Mathematics Uni. Bern, Online! April 1999, pp. 1-31.</b>
	<b>R. Neilson, "A Discussion of Bandwidth Broker Requirements for Internet2 Qbone Deployment", IEEE Internet Draft, XX, XX, August 1999, pp. 1-30.</b>
	<b>D. Blight, et al "Policy-based Networking Architecture for QoS Interworking in IP Management-scalable Architecture for Large-scale Enterprise-Public Interoperation", Internet2 Qbone BB Advisory Council", May 1999, pp. 814-826.</b>
	<b>Boyle, et al, "The Cops (Common Open Policy Service) Protocol" IEEE Internet Draft, August 1999, pp. 27-30.</b>

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